

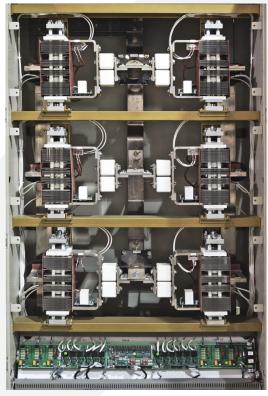
# AMI TECH SEMINAR

A technology training week for **drive systems**, controls & global solutions for your business

Holiday Inn Fundidora Park • Monterrey, Mexico • March 4 - 8, 2019



# **Technology Solutions for the Future**



TMDC-TEC20

#### INDUSTRIAL SYSTEMS

AMI Industrial Systems excels in the field of global automation and control solutions in more than 50 countries around the world. We automize industrial processes with custom solutions in diverse industries such as: pulp and paper, metals, non ferrous metals, cement, oil and gas, mining and energy. We are your best ally in the optimization, control, efficiency, standardization, and security in your processes. We have a strong team of more than 80 engineers that have a lot of experience in the field combined with an outstanding service oriented culture.

## **ABOUT THE PROGRAM**

The program provides a comprehensive overview of Drive Systems, Controls and other Global Solutions and their usage in diverse industries. The seminar also emphasizes the different Variable Speed Drives Technologies and their evolution along with significant information about electrical motors, the latest controllers, graphical interfaces for operators, installation techniques, drive system applications for pumps, fans and excitation systems. Attendees will leave this course with a better understanding of Drives and their features and capacities. There will be opportunities to discuss issues and solve problems during workshops and discussion panels.

#### WHO SHOULD ATTEND

Anyone who would like to expand his or her knowledge and understanding of Drive Systems and their applications in the industry. This includes electrical and mechanical engineers, maintenance personnel, operators, and those responsible for quality assurance. Management level would also benefit from this seminar as they will be able to benchmark their operation with different industries.

### LOCATION

Holiday Inn Fundidora Park, Av. Fundidora 100, Centro, 64010, Monterrey, México. Phone: [81] 8369.6000. **Hotel reservation code: TH6** 



# 2019 March

Mon	Tue	Wed	Thu	Fri	Sat	Sun
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

# DAY 1

Monday, March 4th

10:00 Registration

12:00 Welcome 12:30 Lunch

14:00 TM10e2 LV Multipurpose Application Drive, AC Drive, AC, CPE, PF Compensator

15:30 State of the Art: Drive Maintenance Tools

### DAY 2

Tuesday, March  $5^{\text{th}}$ 

08:00 Registration

08:30 Medium Voltage Drives: MVe2, MVGe2, LCle2

10:30 Power Conversion with Electric Motors

11:30 Electric Motor Troubleshooting Techniques

12:30 Lunch

14:00 Hi-Performance nV & nVLight Controllers

15:30 Serverless HMI Systems Control Operator Interface (COI)

# DAY 3

Wednesday, March 6th

08:00 Registration

08:30 TMDCe2, DC Drive Family I

10:00 TMDCe2, DC Drive Family II

11:00 Replacement of DC Motors by AC Motors

12:30 Lunch

14:00 Drives Selection Workshop

16:30 Cocktail

# DAY 4

Thursday, March 7th

08:00 Registration

08:30 Firing Circuit Replacement FCRe2-X3 & LCIe2

10:00 Semiconductor Failures and Failures Rates

11:30 Digi-FEXe2 Synchronous Machine Exciters

12:30 Lunch

14:00 Motors Selection Workshop

16:30 Cocktail

#### DAY 5

Friday, March 8th

08:00 Registration

08:30 Multi Power Compensator (MPC)

09:30 Global Motor Standards IEC & NEMA Comparison

11:00 Photo Voltaic (PV) Inverter

12:30 Lunch

14:00 Conclusions

# **ACTIVITIES**

Tuesday  $5^{th}$  - Bowling Tournament at Bol San Pedro - 18:00 Wednesday  $6^{th}$  - "Horno 3" Show at Fundidora Park - 18:00 Thursday  $7^{th}$  - AMI Barbecue at AMI Headquarters - 18:30

Hour	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
08:00		Registration	Registration	Registration	Registration
08:30		Madium Valanca	TMDCe2, DC Drive	Firing Circuit Replacement	MPC Multi Powe Compensator
09:30		Medium Voltage Drives: MVe2, MVGe2, LCIe2	Family I	FCRe2 - X3 & LCle2	
10:00			TMDCe2, DC Drive	•	Global Motor Standards IEC & NEMA Compariso
10:30	Registration	Power Conversion	Family II	Semiconductor Failures and Failures Rates	
11:00	registration	with Electric Motors		T dital es ridies	
11:30		Electric Motor Troubleshooting	Replacement of DC Motors by AC Motors	Digi-FEXe2 Synchronous	Photo Voltaic (P) Inverter
12:00	Welcome	Techniques		Machine Exciters	
12:30					
13:00	Lunch at Holiday Inn Fundidora	Lunch at Holiday Inn Fundidora	Lunch at Holiday Inn Fundidora	Lunch at Holiday Inn Fundidora	Lunch at Holiday Fundidora
13:30					
14:00	TM10e2 LV	Hi-Performance nV & nV Light Controllers			Conclusions
14:30	Multipurpose Application Drive, AC Drive, AC, CPE, PF Compensator			Motors Selection Workshop	
15:00	rr compensator		Drives Selection Workshop		
15:30		Serverless HMI Systems Control Operator Interface (COI)			
16:00	State of the Art Drive Maintenance Tools				
16:30		interiace (CUI)	Cocktail	Cocktail	
17:00				*AMI\Morl	
17:30				*AMI Workshop Tour	
18:00		Bowling Tournament	"Horno 3" Show	*Group Photograph	
18:30					
19:00			HUITIU 3 STIUW	*AMI Barbecue	
19:30					

<sup>\*</sup>The activities will be held at AMI Headquarters



AMI TECH SEMINAR 2019 AMI TECH SEMINAR 2019

Monterrey

Capital and most populous city in the state of Nuevo León. It is one of the most developed cities in Mexico, it has a great culture and history, and is also a major center for business, industry and economy. It is the city with the best quality of life in Mexico, the seventh in Latin America and 109 in the world. It has a strong economy to be the basis of many national and international companies such as Cemex, ALFA, Vitro, FEMSA, among others, by what is called the industrial capital of Mexico.

It was founded in 1596 by Diego de Montemayor, soon became, due to its privileged location, the commercial and industrial point of contact between Mexico and the United States of America.

It extends around the Sierra Madre Oriental and has beautiful mountainous landscapes such as Cerro de la Silla and Cerro de las Mitras; as well as top-level tourist attractions such as Fundidora Park. Horno 3 Museum. Cola de Caballo waterfalls and Chipingue Ecological Park.

For more information visit: https://nuevoleon.travel/







**REGISTER NOW!** 

For more information: AMITech@amiautomation.com

Steam, smoke, sparks and real fire will provide you with an opportunity to live the unique experience of contact with a blast furnace in full operation. Through a short documentary, former employees of Fundidora narrate how the oven worked and what it meant to work so closely with this giant, while machinery and iron are brought to life and molten iron begins to flow... Visiting the Horno 3 Museum is a great experience because it is the only museum in the world built inside an old blast furnace. It's a brilliant show, you can not miss!

www.horno3.org





For more information: AMITech@amiautomation.com Tania Cantú: +52 (81) 1001.4050 Ext. 4372